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ABSTRACT

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An improved sliding bearing system for railroad locomotives having pedestal legs includes a channel-shaped unit of a wear resistant thermoplastic, including a base and two upstanding flanges ported with mounting apertures, plus two inserts ^{made of} strips of a more resilient thermoplastic, with one of the inserts mounted in the base adjacent to one of the flanges and the other insert mounted in the base adjacent to the other flange, so they are operable to compress and expand under loading variations, along with fastening members with undersized bosses relative to the diameter of the apertures in the flanges, operable to secure the unit to the pedestal leg in a manner that its flanges will slip on the associated pedestal leg under loading variations to accommodate the resiliency of the inserts, enabling the unit to shift on the face of the leg to better distribute the loading on the unit more uniformly, whereby the service life of the unit is extended.